

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	978	204/192.11,192.27,192.28.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:42
L2	1106	148/518,525,537,668.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:43
L3	3176	427/527,531,532,534,535,160.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:43
L4	80	148/713.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:44
L5	8981	430/5.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:44
L6	720	430/4.ccls. not 5	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:44
L7	4157	430/311.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:44
L8	213142	(mask or photomask or reticle).ti, ab,clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:46
L9	1175751	(blank or substrate).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:46
L10	485837	mask or photomask or reticle	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:46
L11	1810202	blank or substrate	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:46
L12	684509	reflective or reflection or reflecting	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:47
L13	235702	multilayer or multi layer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:47
L14	11383	extreme ultraviolet or extreme ultra violet or extreme UV or EUV or soft xray or soft x ray	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:48
L15	5	(1 or 2 or 3) and (8 with 9 with 12 with 13) and 14	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:53

## EAST Search History

L16	4	(1 or 2 or 3) and (10 with 11 with 12 with 13) and 14 not 15	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:56
L17	2	(1 or 2 or 3) and (10 same 11 same 12 same 13) and 14 not 15 not 16	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:57
L18	3495468	heat\$3 or bak\$3 or thermal\$2	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:57
L19	95521	(compress\$3 or tens\$3) with stress	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:58
L20	646748	stress	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 11:58
L21	1668576	mix or mixed or mixing or intermix or intermixed or intermixing	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:00
L22	558634	diffuse or diffusion or diffused or diffusing or interdiffuse or interdiffusion or interdiffused or interdiffusing	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:00
L23	1307133	18 same (degree or "C" or "F")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:01
L24	108020	(molybdenum or "Mo") same (silicon or "Si") or "Mo/Si"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:02
L25	6082323	avoid\$3 or suppress\$3 or stop\$4 or prevent\$3 or inhibit\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:02
L26	1792	24 same (18 or temperature) same (19 or 20)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:06
L27	77	26 same 25 same (21 or 22) not 15 not 16 not 17	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:08
L28	5371	(resist or photoresist) with amplif\$4	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:08
L29	578	28 with (electron beam or e beam)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:09
L30	68	29 same (10 with 11)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:10

## EAST Search History

L31	8	30 same (18 or temperature) same (degree or "C" or "F")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:13
L32	52	30 and (18 or temperature) same (degree or "C" or "F") not 31	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:14
L33	1	4 and 24	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:16
L34	2	27 same liquid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:16
L35	17	24 same 12 same 13 same (18 or temperature or anneal\$4) same (liquid or fluid or clean\$3 or acid)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:24
L36	46	(5 or 6 or 7) and (8 or 10) same 12 same 13 same (18 or temperature or anneal\$4) and 23 not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:31
L37	44	(5 or 6 or 7) and (8 or 10) same 12 same 13 same (18 or temperature or anneal\$4) not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:31
L38	1569	378/34-35.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:33
L39	162	38 and (8 or 10) same 12 same 13	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:35
L40	489985	resist or photoresist	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:35
L41	1229478	semiconductor or wafer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:36
L42	91	39 and 10 same 40 same 41 not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36 not 37	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:39
L43	24	42 and 40 same (18 or temperature or anneal\$4)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:48
L44	17	(Shoki-Tsutomu).in. and (Hoya).as. not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36 not 37 not 43	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:45

## EAST Search History

L45	0	(Shoki-Tsutomu).in. not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36 not 37 not 43 not 44	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:46
L46	21	30 same (18 or temperature or anneal\$4) not 31 not 43	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:52
L47	121	24 same (18 or temperature or anneal\$4) same (12 with 13) not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36 not 37 not 43 not 44 not 46	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:56
L48	3417	134/3,28,41.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 12:57
L49	17	48 and 24 same (18 or temperature or anneal\$4) not 15 not 16 not 17 not 27 not 31 not 32 not 33 not 34 not 35 not 36 not 37 not 43 not 44 not 46 not 47	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 13:00
L50	367	(8 or 10) same (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) same ((peak or maximum or highest) with (reflectance or 12 or wavelength))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 13:02
L51	10	50 same 13	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 13:03
L52	30	50 and 14 not 51	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/08/11 13:04
L53	0	( 13 and (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4) and (degree or ".degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (resist or photoresist) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) near3 (reflect\$3 and wavelength) and (method or process) and (pattern\$3 or expos\$3 or radiat\$3 or irradiat\$3 or light\$3 or image or imaged or imaging or lithograph\$6 or transfer\$4 or project\$3) ).clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:00

## EAST Search History

L54	1	( 13 and (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4) and (degree or ".degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (resist or photoresist) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) and (reflect\$3 and wavelength) and (method or process) and (pattern\$3 or expos\$3 or radiat\$3 or irradiat\$3 or light\$3 or image or imaged or imaging or lithograph\$6 or transfer\$4 or project\$3) ).clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:05
L55	1	( (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4) and (degree or ".degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (resist or photoresist) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) and (reflect\$3 and wavelength) and (method or process) and (pattern\$3 or expos\$3 or radiat\$3 or irradiat\$3 or light\$3 or image or imaged or imaging or lithograph\$6 or transfer\$4 or project\$3) ).clm. not 54	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:18
L56	5	( (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4 or ".degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (resist or photoresist) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) and (reflect\$3 and wavelength) and (method or process) ).clm. not 54 not 55	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:24
L57	2	( (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4 or ".degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (resist or photoresist) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) and (reflect\$3 and wavelength) ).clm. not 54 not 55 not 56	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:24

## EAST Search History

L58	21	( (12 or 14) and 10 and 11 and (18 or temperature or anneal\$4 or ". degree." or "C" or centigrade or Celsius or "F" or Fahrenheit) and (measur\$5 or test\$3 or detect\$3 or sens\$3 or analy\$4) and (peak or maximum or highest) and (reflect\$3 and wavelength) ).clm. not 54 not 55 not 56 not 57	US-PGPUB; USPAT	ADJ	ON	2007/08/11 14:25
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